

[illegible]

Biomedical Solutions

Upright freezer ULT U250



- Low cost of ownership
- Limited maintenance
- On-site service
- Optimal footprint
- DUAL cooling single stage compressor system
- Maintains -60°C with only 1 compressor running
- Eco-friendly, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- Low energy consumption
- ISO 9001, 14001 & 18001 OHSAS Certified

Specifications

Technical

Gross volume	253 litres
Internal storage capacity	219 litres
Temp. range	-60°C to -86°C
Temperature probes	1
Compressor	Embraco DUAL
Refrigerant	Nature R
Noise level	60 dB
Power consumption 24/h	9,0 kWh
Power consumption	3.285 kWh / year
Voltage	220V-240V
Frequency	50 Hz

Features

Castors with brakes	4
Inner doors	2
Defrost	Manual
Battery Backup	50h
USB	YES
Data connection	MODBUS
Digital controller with display	XW737K
Data logging	35.000 Entries
High/Low temperature alarm	YES
Analogue chart recorder	Optional
Adjustable shelves, stainless	5
Door vacuum release	Automatic
Porthole for external probe	YES

Dimensions

Height	1.985 mm
Height w. castors	2.055 mm
Width	600 mm
Depth	645 mm
Gross weight	135 kg
Net weight	122 kg

Internal dimensions

Height	1.420 mm
Width	435 mm
Depth	370 mm
Insulation	80 mm
Insulation type	PUR
Internal humidity	<5 %

Product no.	N123002
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ULT U250



Storage capacity

Box height	No. of boxes	No. of racks	Total no. of boxes	Product no.
50 mm	4 x 2 = 8	3	24	N321200
	5 x 2 = 10	12	120	N321210
			= 144	
75 mm	2 x 2 = 4	3	12	N321300
	3 x 2 = 6	12	72	N321310
			= 84	
100 mm	2 x 2 = 4	3	12	N321400
	2 x 2 = 4	12	48	N321400
			= 60	

Racks for ULT U100

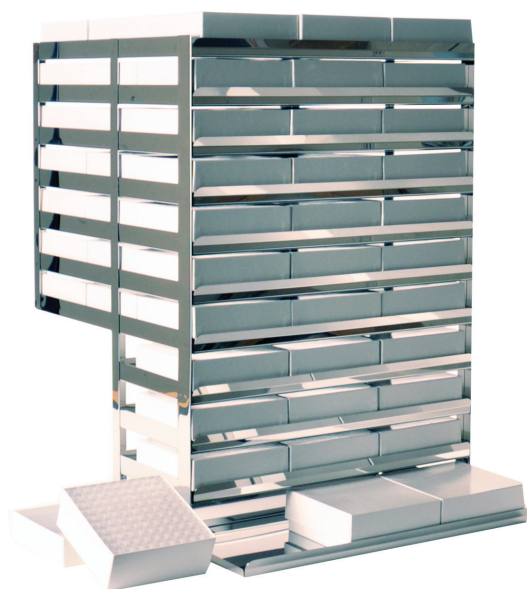


ORGANIZE AND OPTIMIZE THE FREEZER

Quality, efficiency and capacity at the best possible economy, is a vital objective in Nordic Lab's business philosophy. Our storage solutions include racks and boxes, all insuring an optimal handling and market low cost per sample to be stored.

Please find below specifications on the storage solution for the ULT U100 freezer model.

Rack



ULT U100



Storage capacity

Box height	No. of boxes	No. of racks	Total no. of boxes	Racks without B&D* Product no.
50 mm	74	1	74	N321700
75 mm	45	1	45	N321800

Storage capacity - Rack with boxes and dividers

Box height	Divider	Numbers of samples	Product no.
50 mm	9x9	5.994	N322700
50 mm	10x10	7.400	N322710
75 mm	9x9	3645	N322800
75 mm	10x10	4.500	N322810

*Boxes and Dividers

Upright freezer ULT U100



- Optimal footprint
- Second-to-none use of space
- Low cost of ownership
- Limited maintenance
- On-site service
- Easily installable & movable
- Eco-friendly, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- Low energy consumption
- ISO 9001, 14001 & 18001 OHSAS Certified

Specifications	
Technical	
Gross volume	93 litres
Internal storage capacity	91 litres
Temp. range	-60°C to -86°C
Temperature probes	1
Compressor	Secop
Refrigerant	Nature R
Noise level	60 dB
Power consumption 24/h	6,55 kWh
Power consumption	2.391 kWh / year
Voltage	220V-240V
Frequency	50/60 Hz
Features	
Castors	NO
Inner doors:	0
Defrost	Manual
Battery Backup	50h
USB	YES
Data connection	MODBUS
Digital controller	XW737K
Data logging	35.000 Entries
High/Low temperature alarm	YES
Adjustable shelves, stainless	2
Door vacuum release	Automatic
Porthole for external probe	YES
Dimensions	
Height:	825 mm
Width:	595 mm
Depth:	585 mm
Depth incl. door handle	650 mm
Gross weight	65 kg
Net weight	56 kg
Internal dimensions	
Height	625/395 mm
Width	430 mm
Depth	425/205 mm
Insulation	80 mm
Insulationtype	PUR
Internal humidity	<5 %
Product no.	N123001



Storage capacity. Rack				
Box height	No. of boxes	No. of racks	Total no. of boxes	Product no.
50 mm	74	1	74	N321700
75 mm	45	1	45	N321800

Storage capacity. Rack with boxes and dividers			
Box height	Divider	No. of samples	Product no.
50 mm	9x9	5.994	N322700
50 mm	10x10	7.400	N322710
75 mm	9x9	3.645	N322800
75 mm	10x10	4.500	N322810

Chest freezer ULT C400



- Low cost of ownership
- Limited maintenance
- On-site service
- Easily installable & movable
- Eco-friendly, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- Low energy consumption
- ISO 9001, 14001 & 18001 OHSAS Certified

Specifications

Technical

Gross volume	383 litres
Internal storage capacity	368 litres
Temp. range	-60°C to -86°C
Temperature probes	1
Compressor	Embraco
Refrigerant	Nature R
Noise level	55 dB
Power consumption 24/h	8,10 kWh
Power consumption	2.957 kWh / year
Voltage	220V-240V
Frequency	50 Hz

Features

Audible & visual alarm	YES
Castors with brakes	4
Handle lock	YES
Inner lids	4
Defrost	Manual
Battery Backup	50h
USB	NO
Data connection	NO
Digital controller with display	XR30CX
Data logging	NO
High/Low temperature alarm	YES
Analogue chart recorder	NO
Prepared for CO2 backup	YES
Prepared for external logging equipment	YES

Dimensions

Height	850 mm
Height w. castors	890 mm
Width	1560 mm
Depth	695 mm
Gross weight	95 kg
Net weight	88 kg

Internal dimensions

Height	635/385 mm
Width	1190/210 mm
Depth	440 mm
Insulation	80 mm
Insulation type	PUR
Internal humidity	<5 %

Product no.	N113004
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ULT C400



Storage capacity

Box height	No. of boxes	No. of racks	Total no. of boxes	Product no.
50 mm	6	3	18	N311200
	11	24	264	N311220
			= 282	
75 mm	4	3	12	N311300
	8	24	192	N311320
			= 204	
100 mm	3	3	9	N311400
	5	24	120	N311420
			= 129	

Chest freezer ULT C300



- Low cost of ownership
- Limited maintenance
- On-site service
- Easily installable & movable
- Eco-friendly, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- Low energy consumption
- ISO 9001, 14001 & 18001 OHSAS Certified

Specifications	
Technical	
Gross volume	296 litres
Internal storage capacity	284 litres
Temp. range	-60°C to -86°C
Temperature probes	1
Compressor	Embraco
Refrigerant	Nature R
Noise level	55 dB
Power consumption 24/h	7,4 kWh
Power consumption	2.701 kWh / year
Voltage	220V-240V
Frequency	50 Hz
Features	
Audible & visual alarm	YES
Castors with brakes	4
Handle lock	YES
Inner lids	3
Defrost	Manual
Battery Backup	50h
USB	NO
Data connection	NO
Digital controller with display	XR30CX
Data logging	NO
High/Low temperature alarm	YES
Analogue chart recorder	NO
Prepared for CO2 backup	YES
Prepared for external logging equipment	YES
Dimensions	
Height	850 mm
Height w. castors	890 mm
Width	1260 mm
Depth	695 mm
Gross weight	82 kg
Net weight	76 kg
Internal dimensions	
Height	635/385 mm
Width	890/210 mm
Depth	440 mm
Insulation	80 mm
Insulation type	PUR
Internal humidity	<5 %
Product no.	N113003

ULT C300



Storage capacity				
Box height	No. of boxes	No. of racks	Total no. of boxes	Product no.
50 mm	6	3	18	N311200
	11	18	198	N311220
			= 216	
75 mm	4	3	12	N311300
	8	18	144	N311320
			= 156	
100 mm	3	3	9	N311400
	5	18	90	N311420
			= 99	

Chest freezer ULT C200



- Low cost of ownership
- Limited maintenance
- On-site service
- Easily installable & movable

- Eco-friendly, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- Low energy consumption
- ISO 9001, 14001 & 18001 OHSAS Certified

Specifications

Technical

Gross volume	198 litres
Internal storage capacity	189 litres
Temp. range	-60°C to -86°C
Temperature probes	1
Compressor	Embraco
Refrigerant	Nature R
Noise level	55 dB
Power consumption 24/h	6,0 kWh
Power consumption	2.190 kWh / year
Voltage	220V-240V
Frequency	50 Hz

Features

Audible & visual alarm	YES
Castors with brakes	4
Handle lock	YES
Inner lids	2
Defrost	Manual
Battery Backup	50h
USB	NO
Data connection	NO
Digital controller with display	XR30CX
Data logging	NO
High/Low temperature alarm	YES
Analogue chart recorder	NO
Prepared for CO2 backup	YES
Prepared for external logging equipment	YES

Dimensions

Height	850 mm
Height w. castors	890 mm
Width	920 mm
Depth	695 mm
Gross weight	69 kg
Net weight	64 kg

Internal dimensions

Height	635/385 mm
Width	550/210 mm
Depth	440 mm
Insulation	80 mm
Insulation type	PUR
Internal humidity	<5 %

Product no.	N113002
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ULT C200



Storage capacity

Box height	No. of boxes	No. of racks	Total no. of boxes	Product no.
50 mm	6	3	18	N311200
	11	9	99	N311220
			= 117	
75 mm	4	3	12	N311300
	8	9	72	N311320
			= 84	
100 mm	3	3	9	N311400
	5	9	45	N311420
			= 54	

Chest freezer ULT C75



- Low cost of ownership
- Limited maintenance
- On-site service
- Easily installable & movable
- Eco-friendly, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- Low energy consumption
- ISO 9001, 14001 & 18001 OHSAS Certified

Specifications

Technical

Gross volume	74 litres
Internal storage capacity	71 litres
Temp. range	-60°C to -86°C
Temperature probes	1
Compressor	Embraco
Refrigerant	Nature R
Noise level	53 dB
Power consumption 24/h	5,10 kWh
Power consumption	1.862 kWh / year
Voltage	220V-240V
Frequency	50 Hz

Features

Audible & visual alarm	YES
Castors with brakes	4
Handle lock	YES
Inner lids	1
Defrost	Manual
Battery Backup	50h
USB	NO
Data connection	NO
Digital controller with display	XR30CX
Data logging	NO
High/Low temperature alarm	YES
Analogue chart recorder	NO
Prepared for CO2 backup	YES
Prepared for external logging equipment	YES

Dimensions

Height	895 mm
Height w. castors	935 mm
Width	550 mm
Depth	645 mm
Gross weight	57 kg
Net weight	53 kg

Internal dimensions

Height	465 mm
Width	390 mm
Depth	390 mm
Insulation	80 mm
Insulation type	PUR
Internal humidity	<5 %

Product no.	N113001
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ULT C75



Storage capacity

Box height	No. of boxes	No. of racks	Total no. of boxes	Product no.
50 mm	8	5	40	N311210
75 mm	5	5	25	N311310
100 mm	4	5	20	N311410